

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004911.D
 Acq On : 27 May 2021 19:54
 Operator : SY/MD
 Sample : M2531-01
 Misc : 1.27G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-052621

Quant Time: May 28 01:07:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

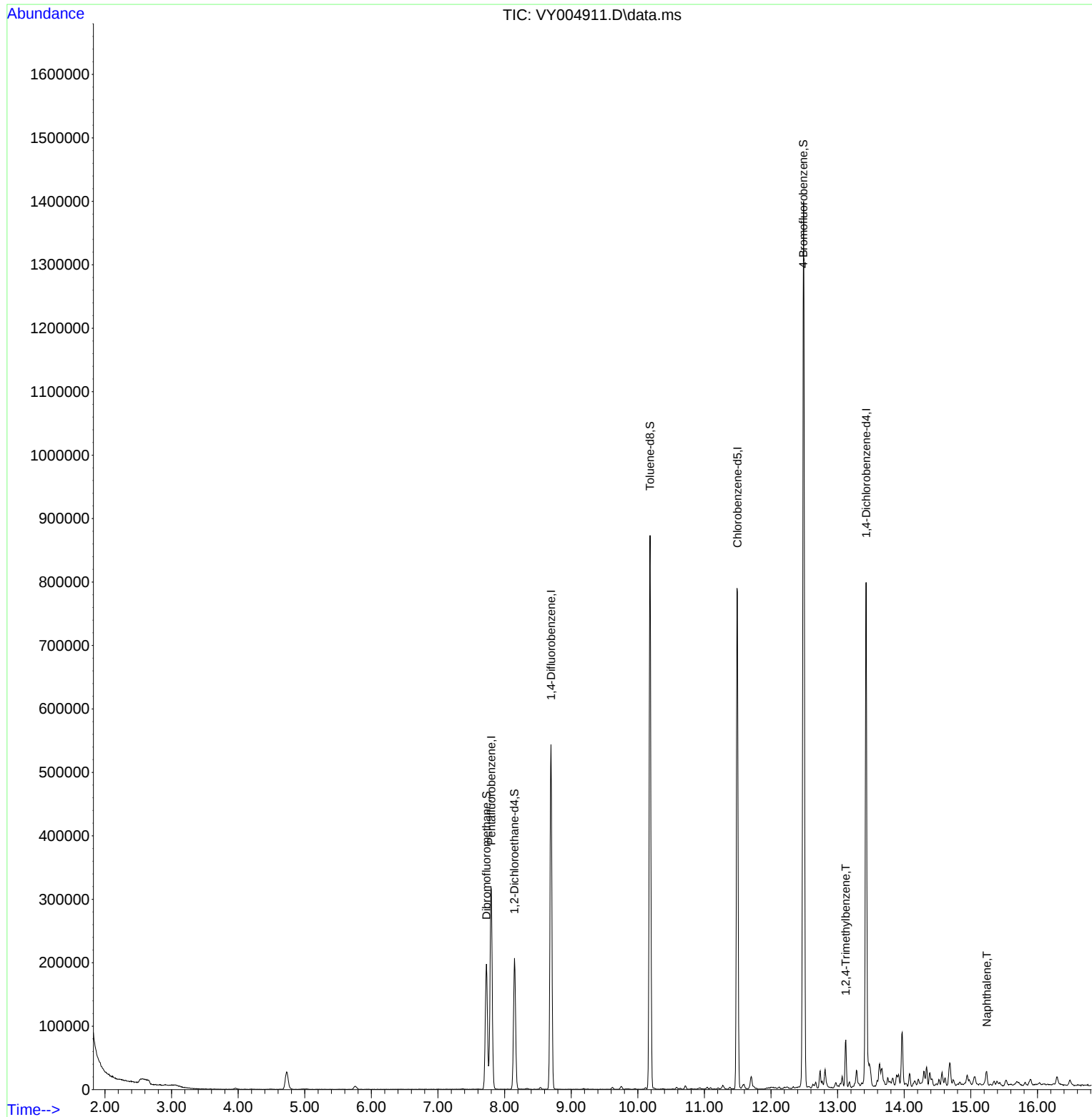
Internal Standards						
1) Pentafluorobenzene	7.801	168	246706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	454790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	429162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	193622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	157770	53.73	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.46%	
35) Dibromofluoromethane	7.728	113	138598	55.67	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.34%	
50) Toluene-d8	10.185	98	559525	49.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.50%	
62) 4-Bromofluorobenzene	12.483	95	195974	51.63	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.26%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.123	105	39290	3.24	ug/l	98
95) Naphthalene	15.239	128	15795	1.99	ug/l	97

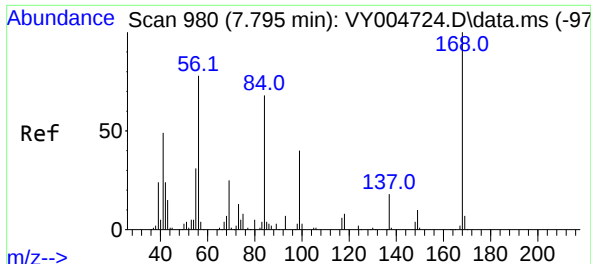
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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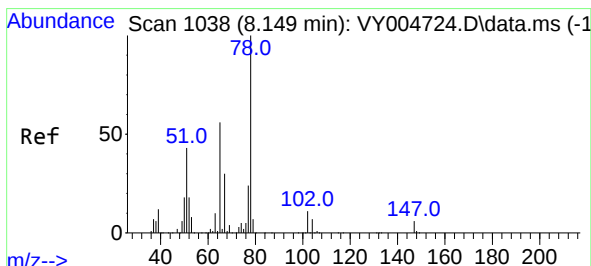
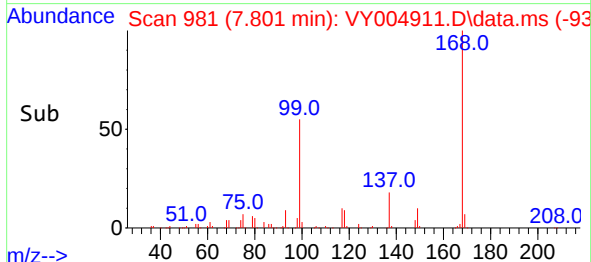
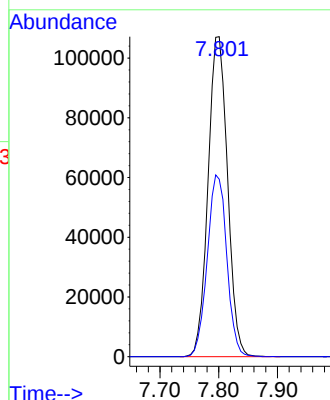
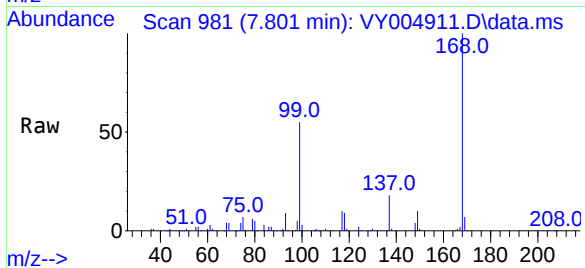




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

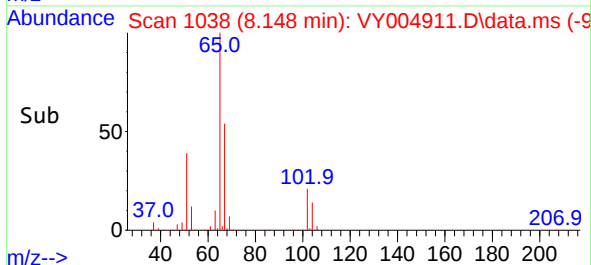
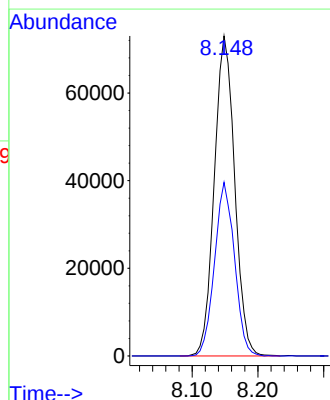
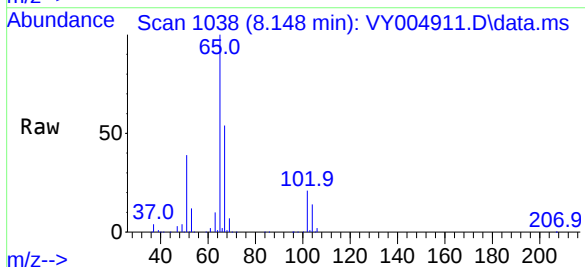
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-052621

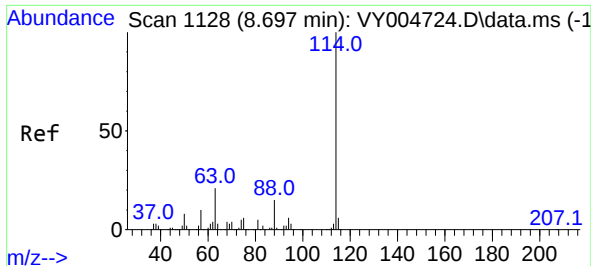
Tgt Ion:168 Resp: 246706
Ion Ratio Lower Upper
168 100
99 55.4 45.6 68.4



#33
1,2-Dichloroethane-d4
Concen: 53.73 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

Tgt Ion: 65 Resp: 157770
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY004911.D

Acq: 27 May 2021 19:54

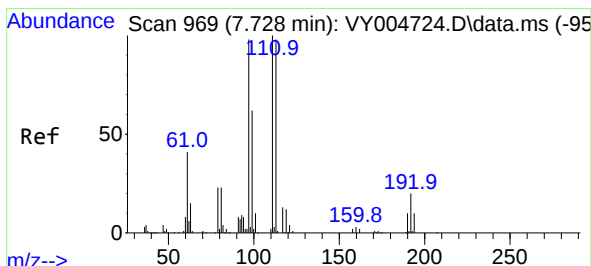
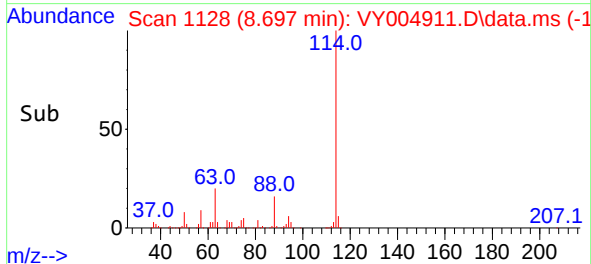
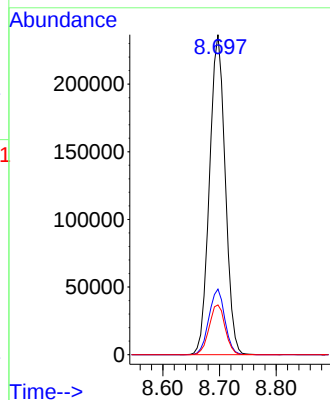
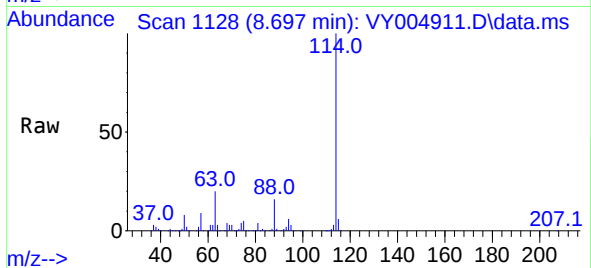
Tgt Ion:114 Resp: 454790

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 15.6 0.0 31.0



#35

Dibromofluoromethane

Concen: 55.67 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004911.D

Acq: 27 May 2021 19:54

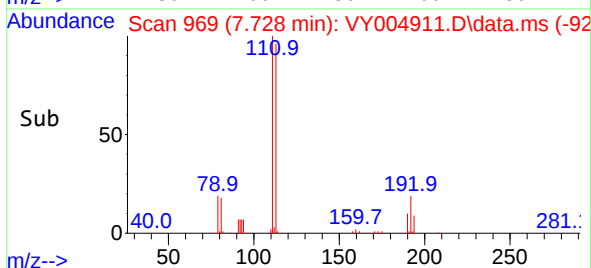
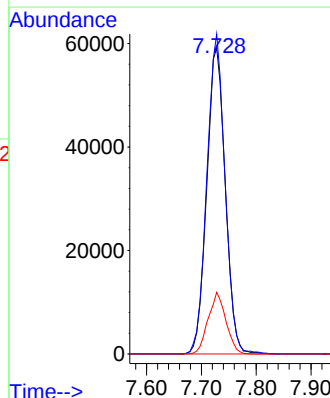
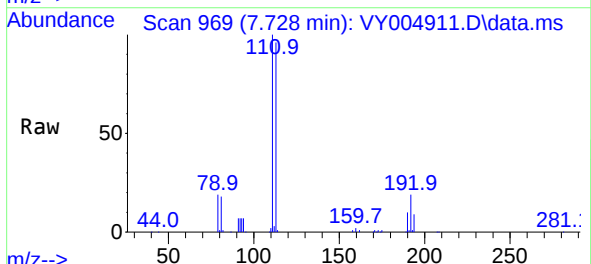
Tgt Ion:113 Resp: 138598

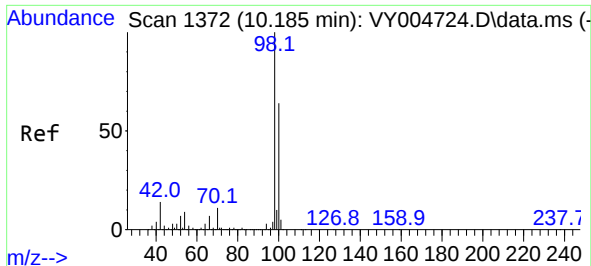
Ion Ratio Lower Upper

113 100

111 102.5 80.5 120.7

192 19.3 15.0 22.6

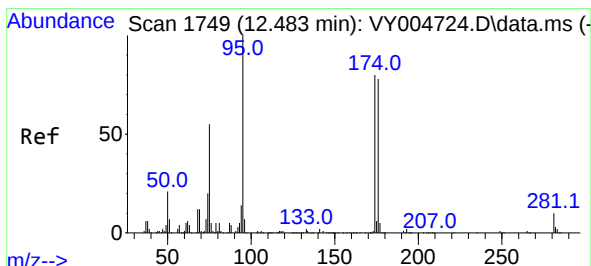
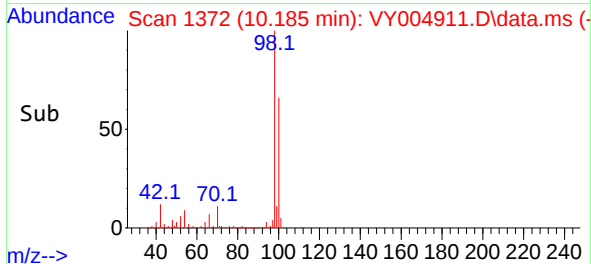
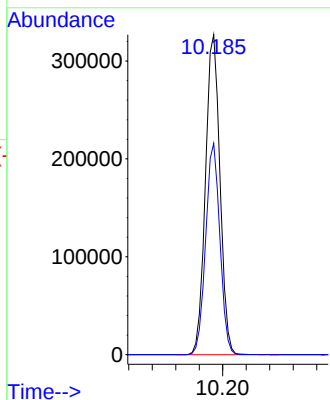
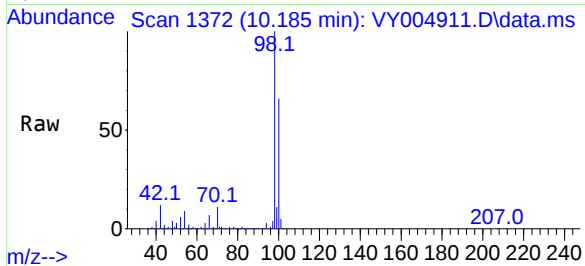




#50
Toluene-d8
Concen: 49.75 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

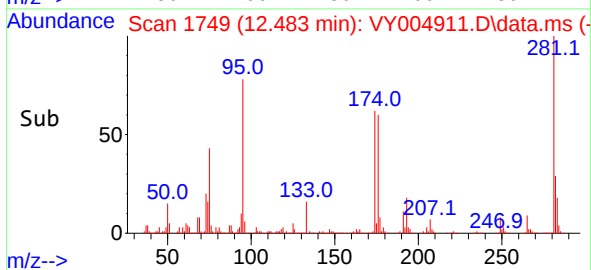
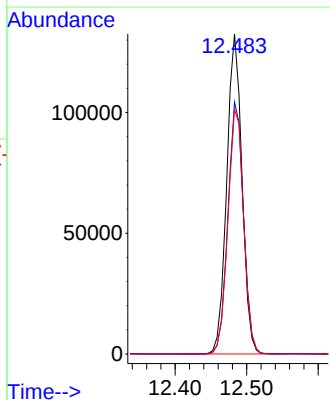
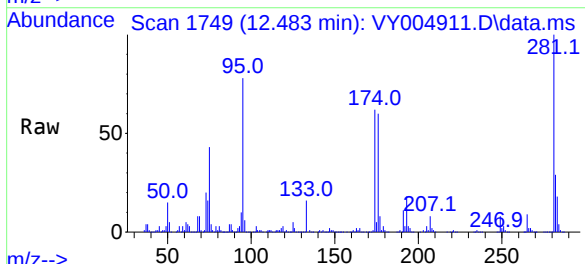
Instrument :
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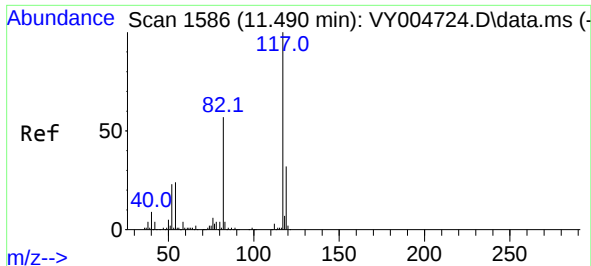
Tgt Ion: 98 Resp: 559525
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 51.63 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

Tgt Ion: 95 Resp: 195974
Ion Ratio Lower Upper
95 100
174 80.6 0.0 164.2
176 78.9 0.0 159.0

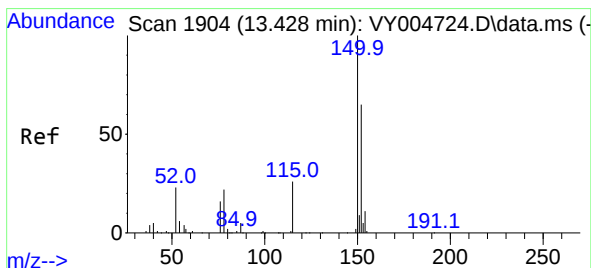
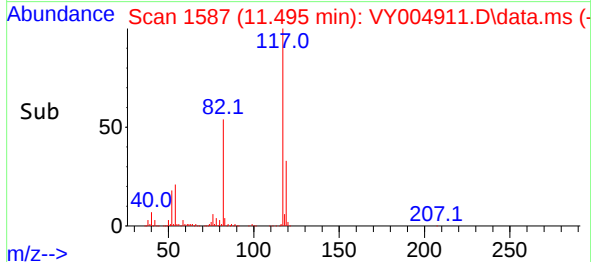
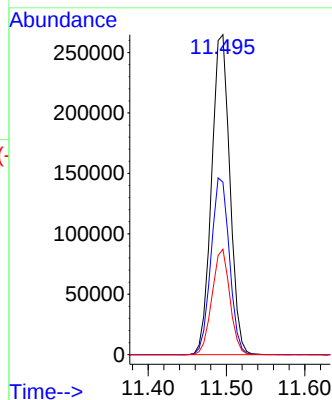
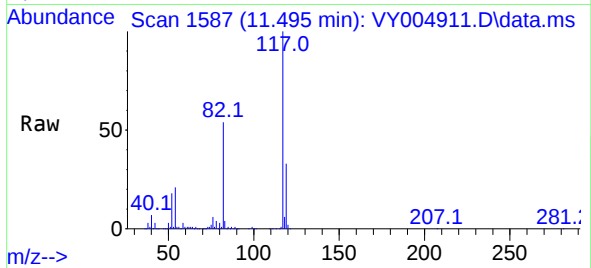




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

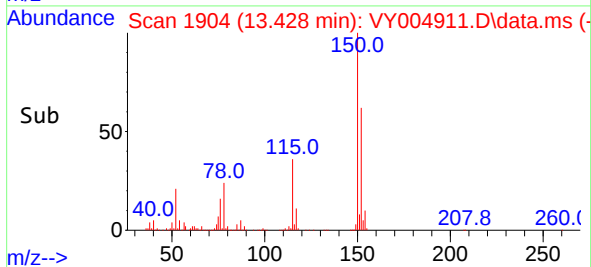
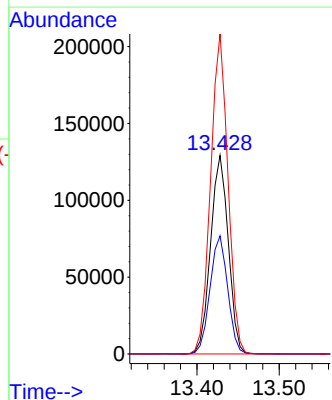
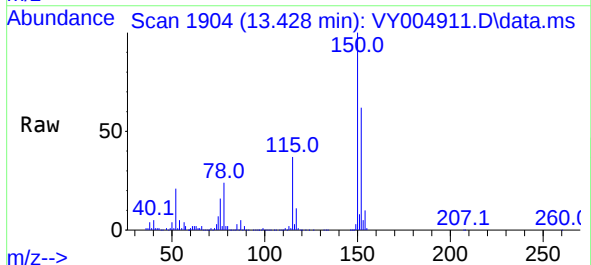
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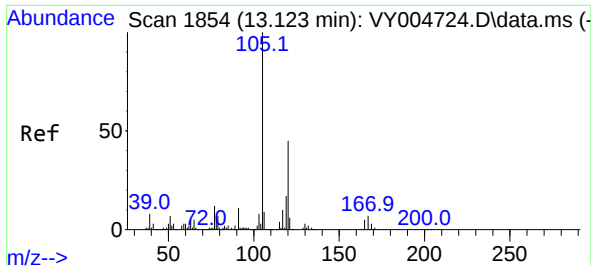
Tgt Ion:	117	Resp:	429162
Ion	Ratio	Lower	Upper
117	100		
82	53.9	45.4	68.2
119	33.0	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

Tgt Ion:	152	Resp:	193622
Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.4	88.3
150	157.8	0.0	349.8

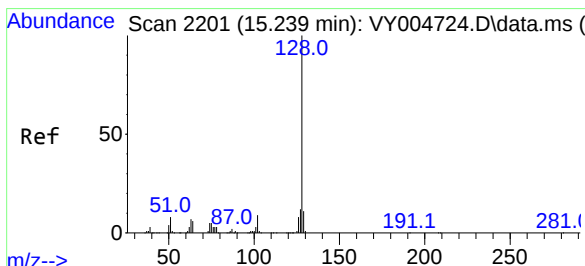
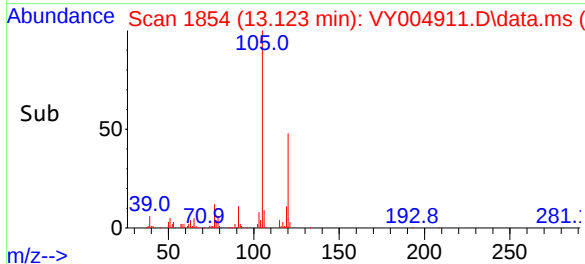
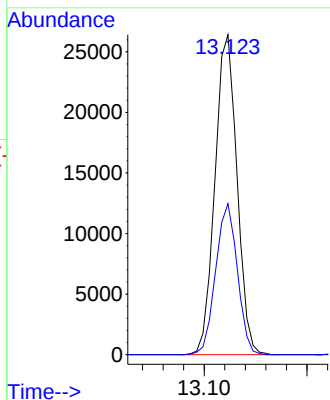
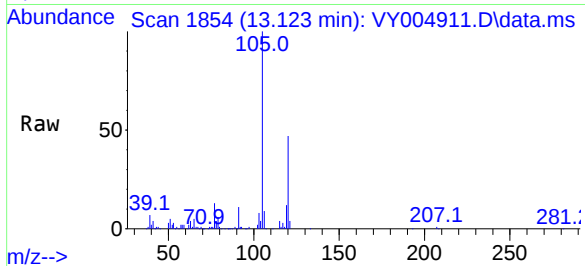




#84
1,2,4-Trimethylbenzene
Concen: 3.24 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-052621

Tgt Ion:105 Resp: 39290
Ion Ratio Lower Upper
105 100
120 46.4 22.5 67.5



#95
Naphthalene
Concen: 1.99 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004911.D
Acq: 27 May 2021 19:54

Tgt Ion:128 Resp: 15795
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.2
129 11.9 8.6 13.0

